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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

BOX PATENT APPLICATION

Assistant Commissioner for Patents
Washington, DC 20231

TRANSMITTAL FOR PATENT APPLICATION

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is a United States patent application entitled ELLIPTICAL EXERCISE DEVICE WITH LEAF SPRING SUPPORTS in the name of the following inventor(s):

- | | | |
|-----|--------------|--|
| (1) | Name: | Scott R. Watterson |
| | Address: | 560 South 1000 East
Logan, Utah 84321 |
| | Citizenship: | United States of America |
| (2) | Name: | F. Troy Miller |
| | Address: | 130 Water Street
Logan, Utah 84321 |
| | Citizenship: | United States of America |


Enclosed are the following:

- ☒ A specification, claims, abstract, and cover page in total comprising 22 pages.
- ☒ A set of five (5) sheets of drawings.
- ☒ A Certificate of Mailing by "Express Mail" certifying a filing date by use of Express Mail Label No. EL 813 861 310 US.
- ☒ No fees are enclosed.

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08/30/01

- ☒ No Declaration, Power of Attorney, and Petition is enclosed.
- ☐ An Associate Power of Attorney.
- ☐ Priority is claimed under 35 U.S.C. § 119 to a patent application serial no. _____ filed on _____.
- ☐ A certified copy of foreign priority application Serial No. _____, filed _____.

Dated this 30th day of August, 2001.

Respectfully submitted,

David B. Dellenbach

David B. Dellenbach
Attorney for Applicant
Registration No. 39,166



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PATENT TRADEMARK OFFICE

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Parameter	Value	Unit	Parameter	Value	Unit
Temperature	25.0	°C	Pressure	101.3	kPa
Humidity	65.0	%	Wind speed	0.5	m/s
Light intensity	100.0	μmol/m ² /s	CO ₂ concentration	400.0	ppm
Relative humidity	65.0	%	Water potential	-0.1	MPa
Soil moisture	15.0	%	Root length	10.0	cm
Stomatal conductance	0.1	mol/m ² /s	Chlorophyll content	25.0	mg/g
Transpiration rate	0.05	g/m ² /h	Photosynthesis rate	1.0	μmol/m ² /s
Root diameter	0.5	mm	Leaf area	10.0	cm ²
Stem diameter	1.0	mm	Seedling height	10.0	cm
Root length	10.0	cm	Seedling weight	1.0	g
Stem length	10.0	cm	Seedling volume	1.0	cm ³
Root volume	1.0	cm ³	Seedling surface area	1.0	cm ²
Stem volume	1.0	cm ³	Seedling dry weight	0.5	g
Root surface area	1.0	cm ²	Seedling fresh weight	1.0	g
Stem surface area	1.0	cm ²	Seedling water content	80.0	%
Root dry weight	0.5	g	Seedling water potential	-0.1	MPa
Stem dry weight	0.5	g	Seedling osmotic potential	-0.2	MPa
Root water content	80.0	%	Seedling turgor potential	-0.3	MPa
Stem water content	80.0	%	Seedling cell wall thickness	0.1	mm
Root cell wall thickness	0.1	mm	Seedling cell wall elasticity	0.1	MPa
Stem cell wall thickness	0.1	mm	Seedling cell wall extensibility	0.1	MPa
Root cell wall elasticity	0.1	MPa	Seedling cell wall extensibility	0.1	MPa
Root cell wall extensibility	0.1	MPa	Seedling cell wall thickness	0.1	mm
Stem cell wall thickness	0.1	mm	Seedling cell wall elasticity	0.1	MPa
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CERTIFICATE OF MAILING BY "EXPRESS MAIL"

- Patent Application in the name(s) of Watterson et al. for ELLIPTICAL EXERCISE DEVICE WITH LEAF SPRING SUPPORTS (22 pp.)
- A set of five (5) sheets of drawings
- Transmittal Letter (2 pp.)
- Certificate of Express Mailing Label No. EL 813 861 310 US
- Postcard

Respectfully submitted,

Emily Mecham, Assistant to
David B. Dellenbach
Attorney for Applicant
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